

Zhu, et al.  
Appl. No.: Unknown  
Atty Docket: MICRON.212CI

**PRIOR ART**

10

12

14

16

RED-1

RED-2

60

32

50

28

ROW DCD

ROW ADRS

26

20

ADRS PRE-DCD

22

COL/ADRS

34

3-1 MUX

3-1 MUX

3-1 MUX

40

FB

FB

FB

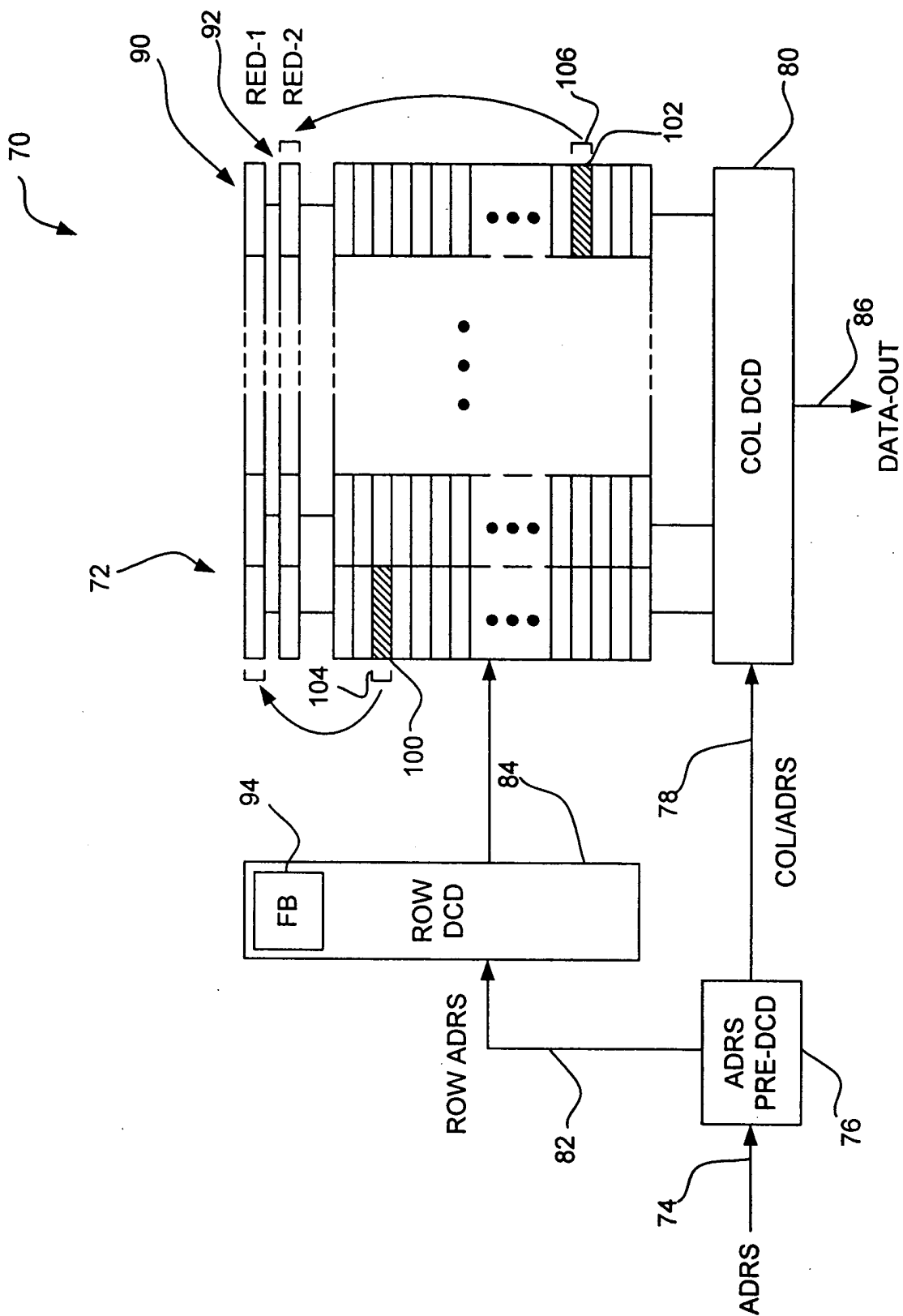
44

COL DCD

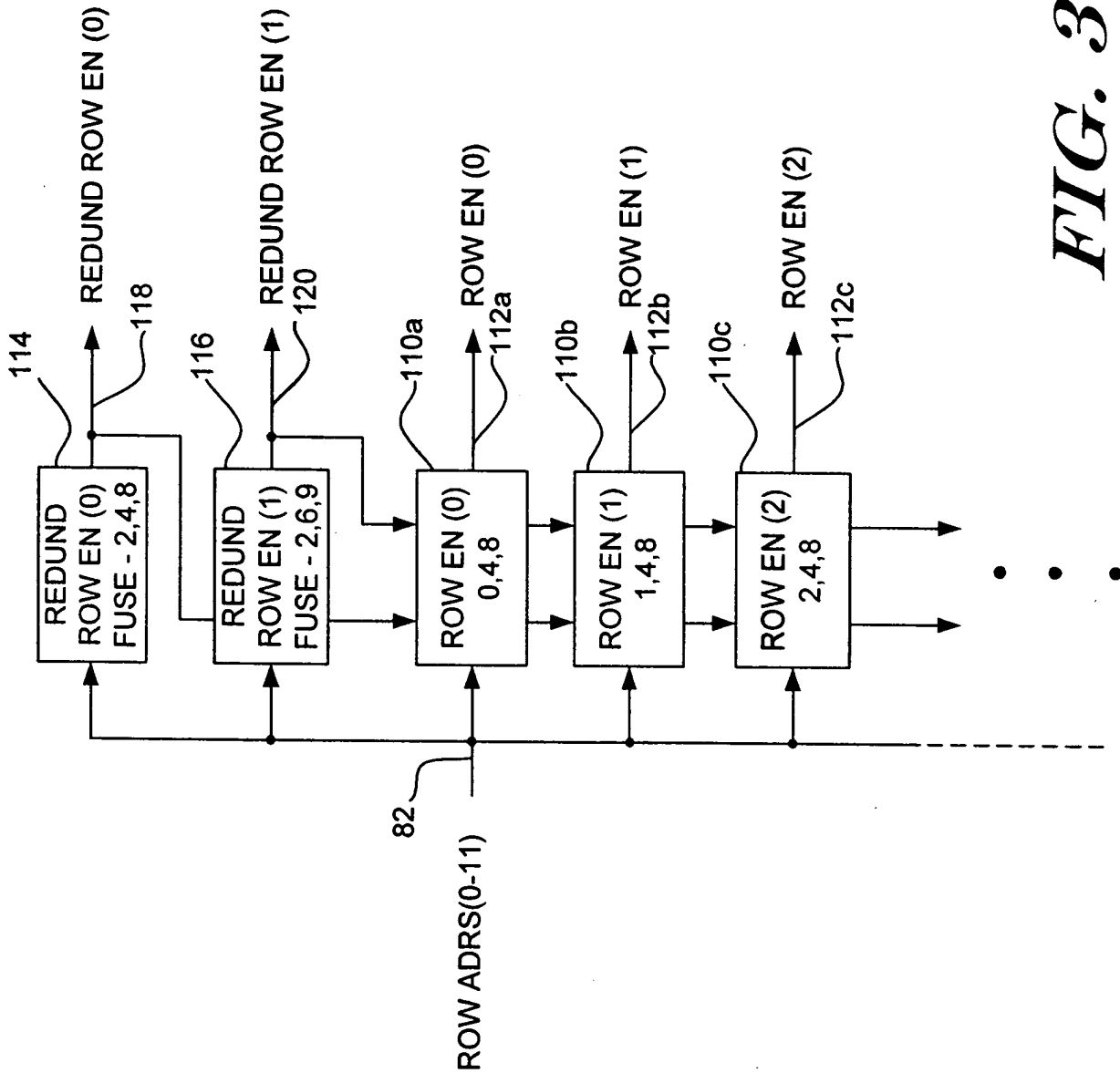
30

DATA-OUT

**FIG. 1**



**FIG. 2**  
PRIOR ART



**FIG. 3**  
 PRIOR ART

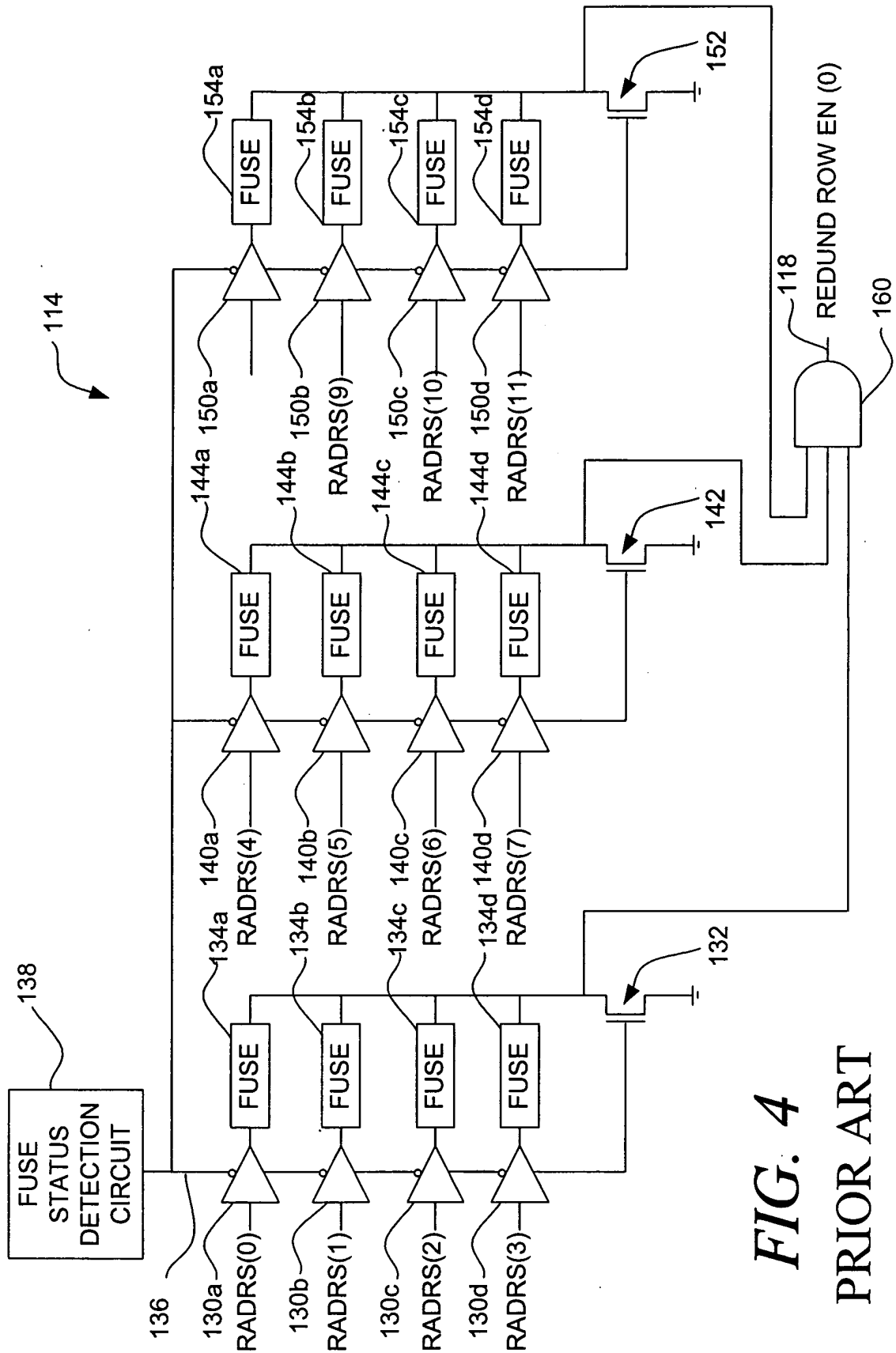


FIG. 4  
PRIOR ART





MEMORY REDUNDANCY WITH PROGRAMMABLE NON-VOLATILE  
CONTROL

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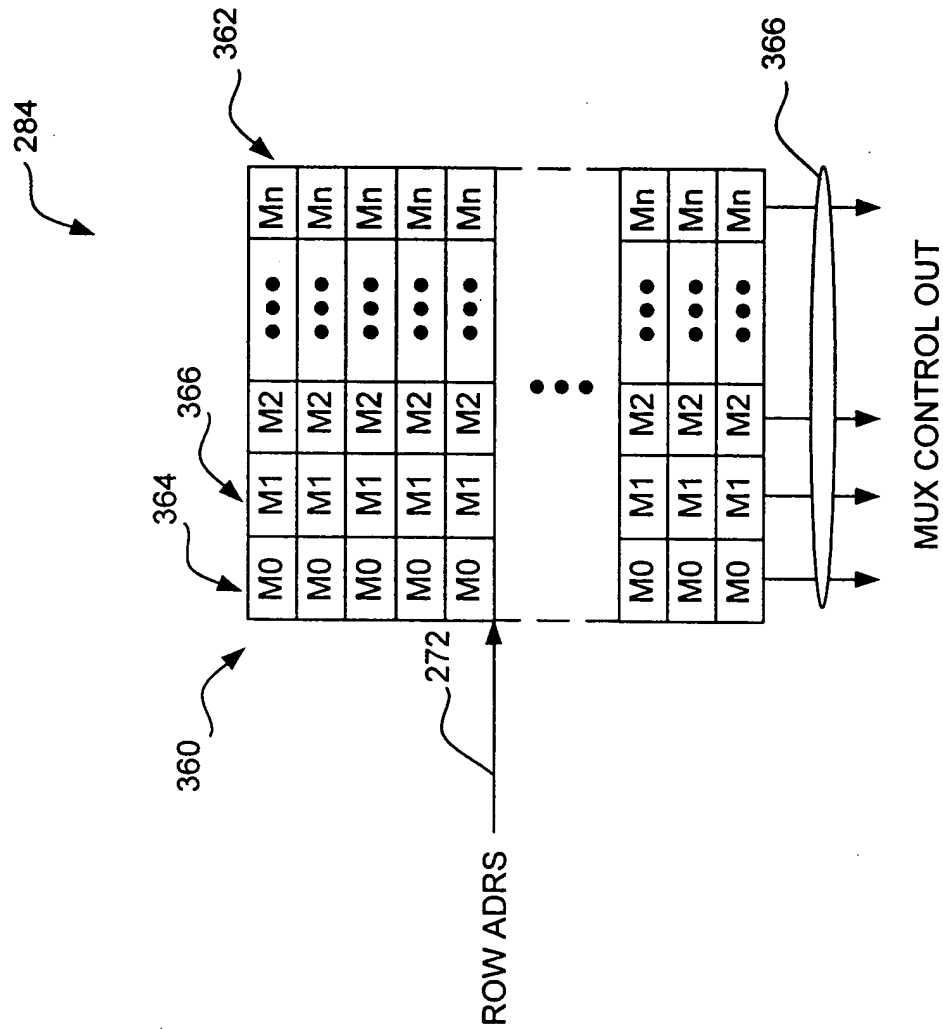


FIG. 7



**FIG. 8**



MEMORY REDUNDANCY WITH PROGRAMMABLE NON-VOLATILE  
CONTROL

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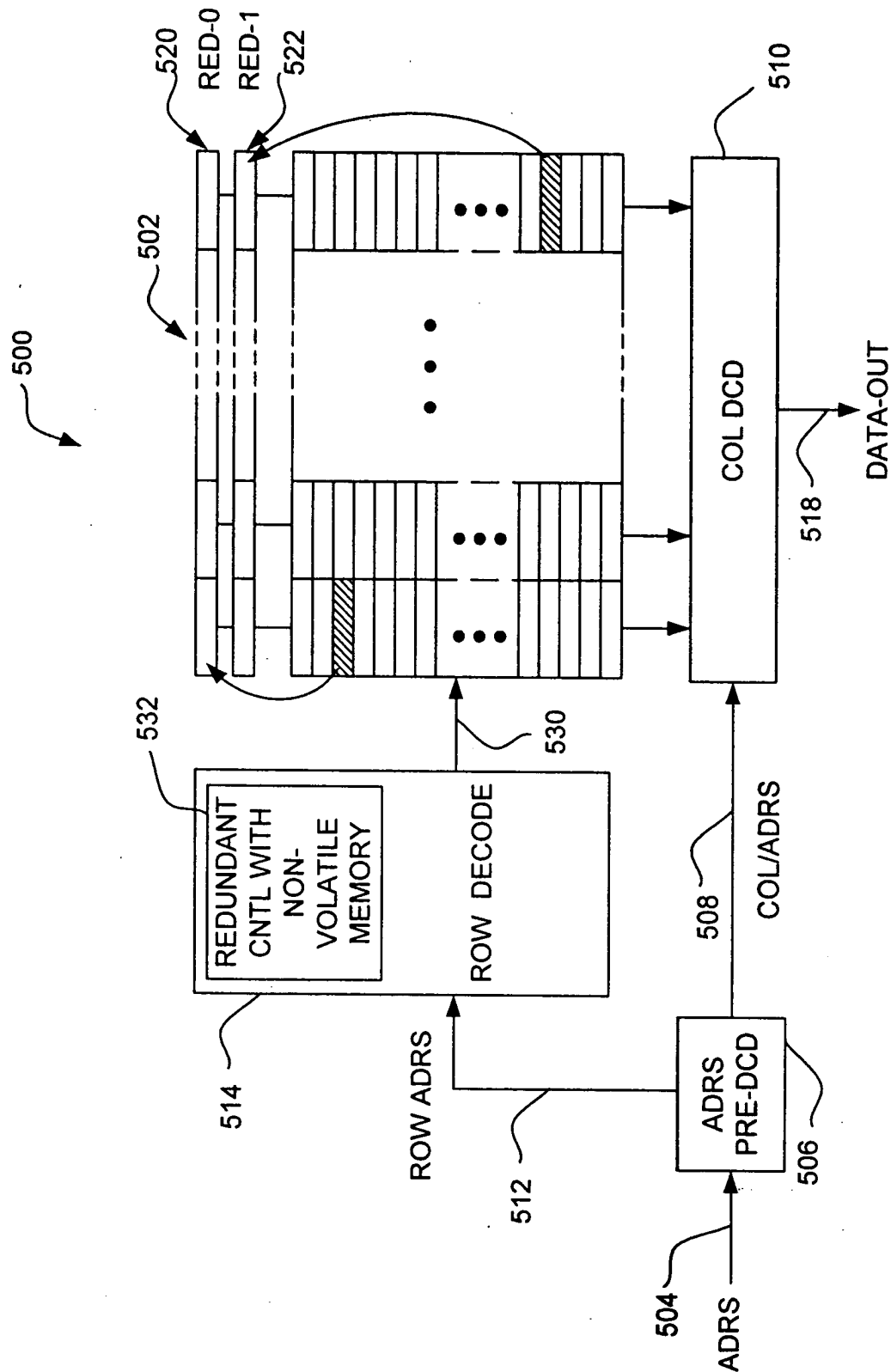


FIG. 9

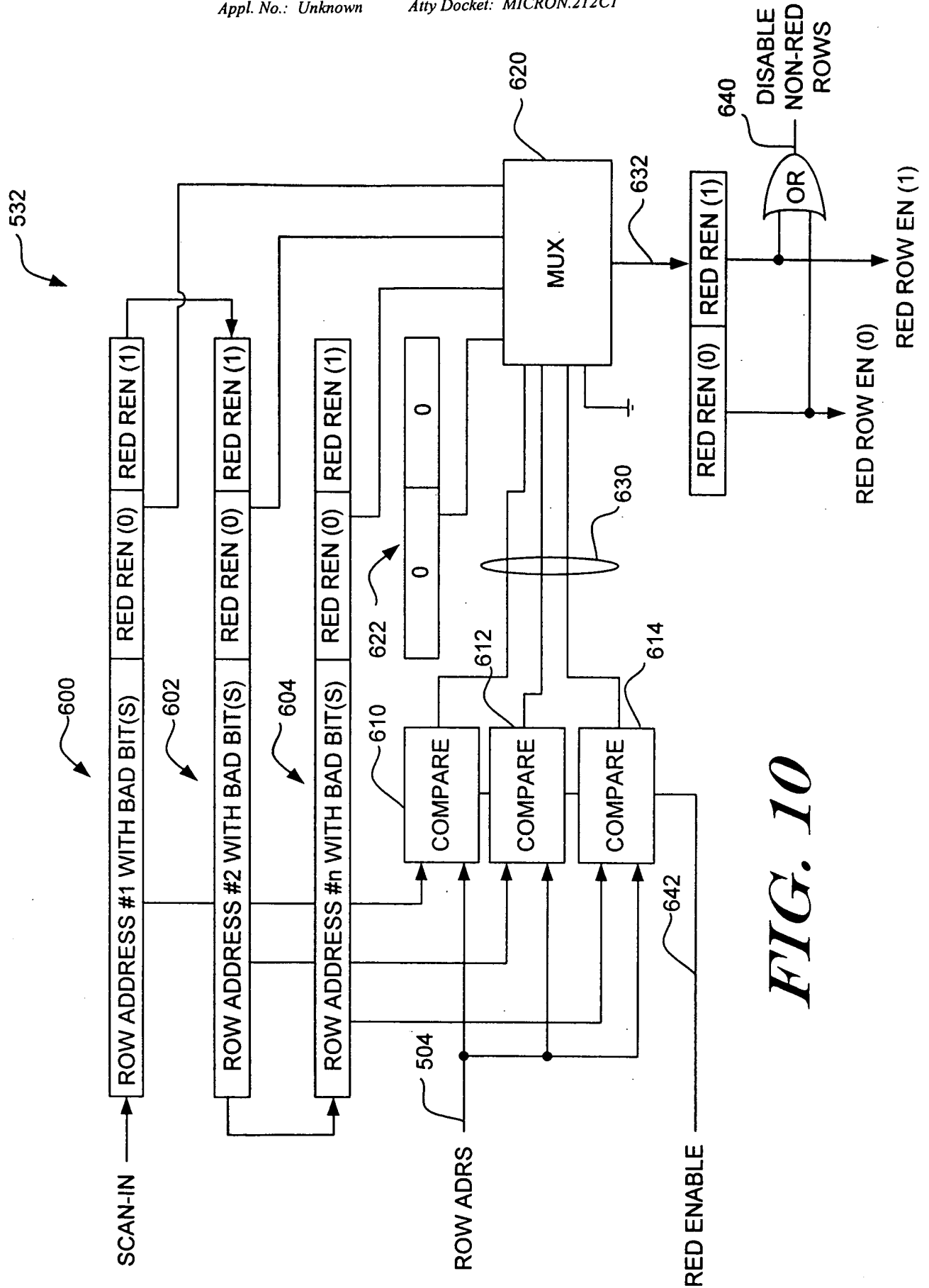


FIG. 10